



STATE OF CALIFORNIA

Bid Specification

Truck, Light-Duty, Cab and Chassis, 11,000-lb. to 17,500-lb. GVWR

1.0 SCOPE

This specification covers the State of California minimum requirements for two-wheel drive, regular cab, truck cab and chassis models having a Gross Vehicle Weight Rating (GVWR) from 11,000-lb. to 17,500-lb. These vehicles will be primarily used as work vehicles and will have various types and configurations of bodies mounted to the truck frame. All vehicles will operate in the State of California on typical State highways and city/county roads and shall be designed to operate under typical ambient temperatures and weather conditions encountered in the State.

2.0 CLASSIFICATION

Truck cab and chassis shall be grouped by GVWR. Table values specify trucks equipped with a regular cab, and dual rear wheels (DRW). Vehicles offered must meet or exceed these table values as established by group.

Cab and Chassis (4x2)	Group I	Group II	Group III
GVWR	11,000 lb.	15,000 lb.	17,500 lb.
Cab to Axle*	60"	60"	84"
Engine: Fuel Type	Gasoline	Gasoline Diesel	Gasoline Diesel
Displacement	5.7 L	6.8 L 6.4L	6.8 L 6.4L
Fuel Capacity	30-gallons	40-gallons	40-gallons

*Wheelbase shall be as required to accommodate regular cab and cab to axle dimension.

Gross Combined Weight Rating (GCWR) shall be available upon request prior to order.

3.0 APPLICABLE SPECIFICATIONS

Specifications and standards referenced in this document in effect on the opening of the Invitation for Bid (IFB) form a part of this specification where referenced. Each vehicle delivered shall be fully compliant with all Federal and State regulations for incomplete truck cab and chassis in effect as of the date of manufacture.

3.1 Safety: Each vehicle delivered shall conform to the Federal Motor Vehicle Safety Standards (FMVSS) and the California Vehicle Code (CVC) requirements for incomplete vehicle truck cab and chassis in effect as of the date of manufacture.

3.2 Emission Control: *Each vehicle delivered shall meet all current California Air Resources Board (CARB) emission requirements.*

4.0 REQUIREMENTS

4.1 General: *Each vehicle shall be new (unused), current production. Each vehicle shall be supplied with all equipment and accessories indicated as standard equipment in the manufacturer's published literature unless specifically deleted as stated in this specification or Invitation for Bid (IFB). Optional equipment necessary to meet the minimum requirements of this specification shall be installed.*

Navigation systems, satellite radio systems and entertainment / communication / cell phone systems offered as standard equipment by the manufacturer are not required and may be deleted (e.g. Onstar).

- 4.2 Engine:** Each vehicle shall be equipped with the manufacturer's standard engine that meets the minimum requirements for displacement and fuel type as listed by group. Vehicles equipped with a diesel-fueled engine shall be equipped with OEM heavy duty air filtration system.
- 4.3 Cooling System:** The cooling system shall be a liquid pressurized, forced circulation type. A coolant recovery system shall be furnished. The cooling systems shall provide protection from ambient temperatures ranging from ***0°F to 120°F***.
- 4.4 Electrical Equipment:** The supplier shall furnish a heavy-duty 12-volt electrical system specifically designed to handle the load requirements of the vehicle equipped ***with the specified options***.

Each vehicle shall be equipped with temporary rear tail and stop lights. The rear lights shall plug into the main electrical lighting harness and provide a minimum 12" length of additional electrical wiring to relocate and reuse the lights on the body, if necessary. The rear electrical harness shall also provide provisions for connecting a 7-wire trailer plug.

- 4.5 Transmission/Driveline:** ***Each vehicle shall be equipped with the manufacturer's standard automatic-overdrive type transmission.*** Group III vehicles shall be equipped the manufacturer's standard power take-off (PTO) provision. Each vehicle shall also be equipped with an auxiliary air to oil transmission cooler.
- 4.6 Steering:** ***Each vehicle shall include the manufacturer's standard power-assisted steering.***
- 4.7 Brakes:** Each vehicle shall be equipped with the manufacturer's standard power assisted service brakes with a four wheel, electronic anti-lock brake system (***ABS***).
- 4.8 Wheels and Tires:** Each vehicle shall be equipped with the OEM's standard tubeless type radial tires mounted on OEM approved rims. Wheels shall be as recommended by the Tire and Rim Association, Inc. and the tire manufacturer for the GVWR specified. Wheel weight rating shall be compatible with the axle and tires. All ***"on ground"*** tires and wheels shall be identical (i.e. no cross brands or models). Group I trucks shall be equipped with all-season tires and labeled for Mud and Snow (M/S) service. Group II and III trucks shall be equipped with the manufacturer's standard highway tires. ***Vehicles ordered as a cab and chassis configuration shall include a full-size spare wheel strapped to the vehicle or shipped loose. Vehicles ordered as a pickup configuration shall be equipped with a full-size spare tire and wheel mounted and secured to the vehicle frame on a production type carrier.***
- 4.9 Axles/Springs/Frame:** The suspension system shall incorporate front and rear stabilizer (anti-sway) bars and front and rear shock absorbers. The suspension system may be equipped with ***auxiliary*** leaf spring suspension if stabilizer (anti-sway) bars are unavailable.

The frame width (OD) shall not exceed 34" (may use an adapter to meet this requirement).

Upon request and prior to any purchase order, the bidder shall provide a certified Gross Combined Weight Rating (GCWR) from the manufacturer of the vehicle requested. This rating concerns the maximum allowable body/payload weight and load position as it relates to the towing capacity and other tow vehicle/trailer limitations. The certification document shall also be included with the documents at delivery indicating the actual VIN number.

Vehicles must be certified by the manufacturer as an "incomplete vehicle" in accordance with applicable Federal Regulations.

Rear axle ratio shall provide as close to, but not exceed a 65-MPH cruising speed with the engine at manufacturers rated RPM and the transmission in its highest overdrive gear.

Front and rear axle ratings shall be provided to the ordering agency prior to purchase order.

4.10 Trailer-Towing Package Option: No specific requirements at this time.

4.11 Four Wheel Drive Equipment: Vehicles requiring a four-wheel-drive (4x4) configuration shall be specified at the IFB line item description. Four-wheel-drive models shall be equipped with manual or automatic locking front wheel hubs and a part time transfer case with manual or automatic engagement to provide power transfer to the front and rear wheels. Transfer case shall be the two-speed, hi-low type.

4.12 Fuel Tank: Each vehicle shall be equipped with the manufacturer's standard fuel tank having a total minimum capacity as previously indicated in the table. If the manufacturer's standard fuel tank does not meet the minimum requirements, then the vehicle shall incorporate an increased capacity tank or an optional auxiliary tank to meet or exceed the specified capacity. **Fuel tank modifications must not void the vehicle manufacturer's warranty.** Note: Fuel tank size and location may change when required for final body installation.

4.13 Air Conditioning: Each vehicle shall be equipped with the manufacturer's standard, factory installed, CFC free, dehumidifying/all weather air-conditioner.

4.14 Body/Cab: A body is not required. The cab shall be of the conventional design, fully enclosed.

The IFB line item description shall specify the vehicles in Group I to be ordered as a pickup truck configuration in lieu of the cab and chassis configuration. Each vehicle ordered as a pickup truck shall be equipped with the manufacturer's standard 8-ft. pickup bed. Vehicles ordered as a pickup truck shall meet the minimum requirements specified except for wheelbase and cab-to-axle dimensions. Wheelbase and cab-to-axle dimensions may be reduced as required to accommodate pickup bed configuration.

The IFB line item description shall specify the cab configuration. Regular cab, extra cab or crew cab configurations are defined as follows:

- A regular cab vehicle shall be equipped with 2 doors and seating for 2-3 adults.
- An extra cab vehicle shall be equipped with a rear seat, 3 or 4 door configuration and seating for 4 - 5 adults. Rear door(s) are typically less than full size.
- A crew cab vehicle shall be equipped with 4 full-size doors with center post that can open independently, allow egress of the rear passengers without disturbing the front passenger/driver and seating positions for 5 - 6 adults.

4.15 Exterior Color: The exterior color shall be selected from the manufacturer's published listing of factory available colors. The agency will identify the paint color and scheme on the purchase order. If the exterior color is not specified, the default color shall be white.

4.16 Interior/Seat Upholstery: The interior color shall be the manufacturer's standard color supplied with the exterior color specified on the order.

Seat upholstery shall be vinyl with cloth inserts, vinyl/weave or all cloth.
Extra cab vehicles may be equipped with a vinyl rear seat(s) if cloth is not available.

4.17 Miscellaneous Equipment: The following items, supplementing if necessary those items already cataloged as standard equipment, shall be furnished and in place.

- Multi-speed fresh air ventilator with heater and windshield defogger system.
- Seat belts for all seating positions.
- Full floor covering.
- Sun visors for both driver and passenger positions.
- Dome light, door activated.
- ***Right and left side exterior rear view mirrors shall be manufacturer's standard.***
- Manufacturer's standard AM/FM radio with antenna.
- Standard factory front bumper.
- ***Two speed and intermittent windshield wipers; windshield washer.***
- ***Tilt steering wheel.***
- Speedometer and all necessary gauges.
- Passenger side glove compartment or storage net.
- ***12-Volt DC power outlet in front compartment.***
- Cruise Control
- Standard tool kit including wheel-changing tools and jack adequate to safely lift the vehicle when loaded to rated capacity are required for Group I vehicles only.